ABSTRACT

There are described image-processing method and apparatus, which make it possible to reduce the processing load even in the image-processing environment employing the Dyadic Wavelet transform. The apparatus includes a reading section to read an image recorded on a recording medium so as to generate image signals representing the image; a first converting section to apply a multi-resolution conversion processing of at least level 1, which is capable of reducing an image size of the image signals, to the image signals, so as to generate first-converted image signals from the image signals; and a second converting section to apply a Dyadic Wavelet transform of at least level 1 to low frequency band component signals included in the first-converted image signals, so as to generate second-converted image signals from the first-converted image signals. An image size of the first-converted image signals is smaller than that of the image signals.